

Ship Thurs July 11 6

Work Order ID 104429

104429

Page 1

July-10-13 2:20:49 PM

Item ID: 647.1701

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Skid Deflector Assembly

Stop *NS2*

Start Date: 7/10/13

Start Qty: 1.00

1

Cust Item ID:

Required Date: 7/11/13

Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

647.1700

N/C

A

M

110

Pick Kit

0.00

13-07-10

110

Packaging

Memo

0.00

Packaging

120

0.00

120

Small Fab

Memo

0.00

Small Fab

1- Assemble item 4,6,7 and 8 as per dwg.

2- Clamp item 1 and 2 to item 3. Transfer drill holes as per dwg see note 6. Use clecos.

3- Disassemble parts

4- Deburr

5- Touch up expose aluminum with alodine

6- Re-assemble as per dwg

Work Order ID 104429

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Item ID: 647.1701 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Skid Deflector Assembly
 Start Date: 7/10/13 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 7/11/13 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
190 *190* Small Fab Small Fab	Memo ASSEMBLE AS PER DWG	0.00 0.00		13-07-10		1			
200 *200* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00		27 B 7, 11		1			
210 *210* Packaging Packaging	Identify as per dwg & Stock Location: _____ Memo ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***	0.00 0.00		Ship on the order 5/11/2014		1x			SP B-7-11

Work Order ID 104429

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Item ID: 647.1701

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Skid Deflector Assembly

Start Date: 7/10/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 7/11/13 Req'd Qty: 1.00

1

Customer:

Reference:

Run Start

NR1

Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop

NR2

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

220

QC21- Final Inspection - Work Order Release

0.00

220

QC

Memo

0.00

Quality Control

MLJ 1307-11

JMF

13-7-11

Picklist Print

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Page 1

Work Order ID: 104429
 Parent Item: 647.1701
 Parent Item Name: Skid Deflector Assembly

Start Date: 7/10/13

Required Date: 7/11/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.10.04 NEW ISSUE DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
647.1710 Plate		Manufactured	No				Each	23.0000		1		13-07-10	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				MF		11							
				92004		2							
				92511		2							
				93277		7							
				ST538		12							
				91798		12							
647.1711 Plate		Manufactured	No				Each	23.0000		1		13-07-10	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				st543		23							
				91799		12							
				93413		11							
647.1712 Gusset		Manufactured	No				Each	24.0000		1		13-07-10	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST438		9							
				91800		5							
				98683		4							
				ST522		15							
				93308		10							
				93801		5							

Picklist Print

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Work Order ID: 104429
Parent Item: 647.1701
Parent Item Name: Skid Deflector Assembly

Start Date: 7/10/13

Required Date: 7/11/13

Start Qty: 1.00

Required Qty: 1.00

647.1713 Manufactured No
Spacer

Each 43.0000

1, ~~11~~ 13-07-10

Location	Loc Qty	Loc Code
ST139B	23	
91801	9	
92561	2	
93408	12	
st543	20	
99057	20	

CR3213-4-4 Purchased No
Rivet

Each 1,029.0000

22, ~~22~~ 13-07-10

Location	Loc Qty	Loc Code
ST329 124876	1029	
123301	354	
123785	675	

NAS1149F0332P Purchased No
Washer

Each 10,376.000

2, ~~2~~ 13-07-10

Location	Loc Qty	Loc Code
GA	182	
122063	182	
ST294	158	
122063	158	
ST295	3	
123352	3	
st510	5033	
123900	5033	
ST510a	5000	
125646	5000	

Picklist Print

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Page 3

Work Order ID: 104429

Parent Item: 647.1701

Parent Item Name: Skid Deflector Assembly

Start Date: 7/10/13

Required Date: 7/11/13

Start Qty: 1.00

Required Qty: 1.00

MS21042-3 MS21042L3 Purchased No

Each 686.0000

1 / ~~13~~ 13-07-10

Nut

Location

Loc Qty

Loc Code

ST314 126036 686
123352 186
123525 500

MS27039-1-14

Purchased No

Each 1,144.0000

1 / ~~13~~ 13-07-10

Screw

Location

Loc Qty

Loc Code

GA 100
120449 100
ST305 44
112312 17
120177 27
ST506 1000
124326 1000

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Shop Packet Print

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APICAL
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03921

SHEET 1 OF 1

DWG NO. 647.1700

REV: N/C

PREPARED BY:

J. BECKER

DATE: 06/07/13

EFFECT ON DWG
☒ INC. ☐ UNINC.

DWG TITLE: SKID DEFLECTOR ASSY

APPROVED BY:

ENGR

[Signature]

MFG

[Signature]

QC

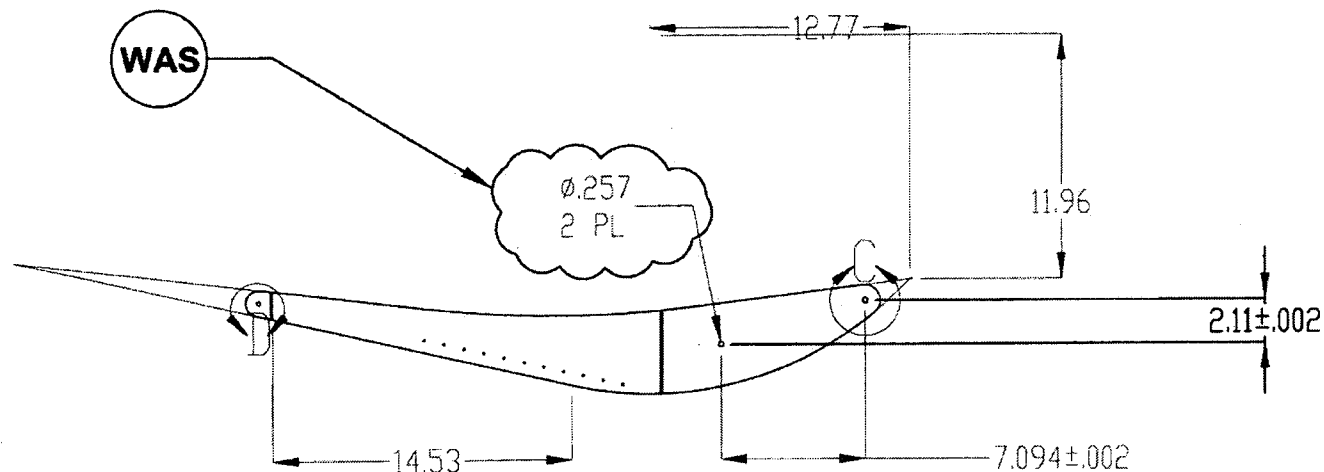
[Signature]

EFF:

NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: INCREASED DIAMETER OF HOLE. INCORPORATED ECN 03937.



SHEET 3, ZONE D4:

u/0104429

DOCUMENTS EFFECTED:

☐ MDL

☐ INSTALL INSTRU

☐ ICA

☐ BOM

CHANGE CATEGORY
☐ MAJOR ☒ MINOR

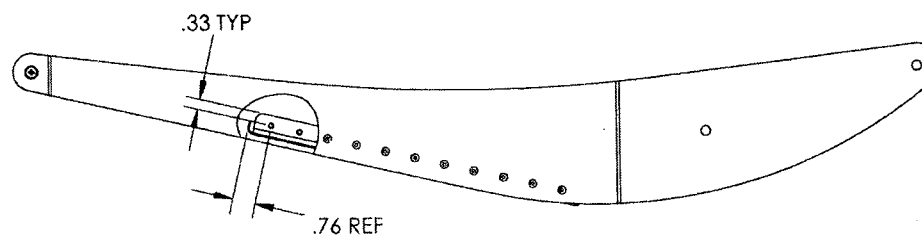
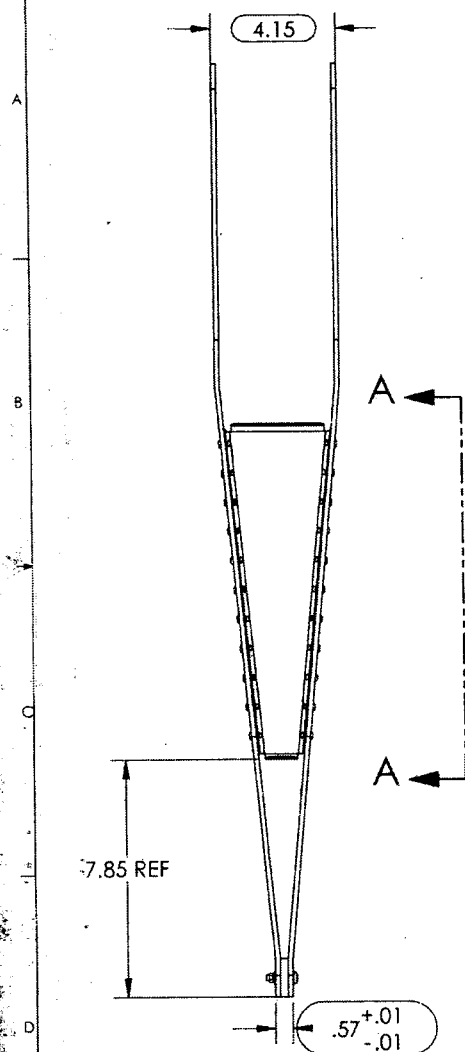
DER REVIEW REQUIRED
☐ YES ☒ NO

NOTES:

-
- Y IAW MPP-120
- F/N 1, 2, & 4; THEN MATE AND MATCH DRILL HOLES FROM 2 ONTO F/N 3 AS SHOWN ON SHEET 2.
- ①
- ③ ⑥
- ②
- ⑤ 22 PL
- ⑦
- ④
- ⑧
- 2 PL ⑥

	1	B	601.1622	SCREW	MS27039-1-14	
	1	7	601.2943	LOCKNUT	MS21062-3	
	2	6	601.1607	WASHER	MS114970332P	
	22	5	601.1915	RIVET	CFK3213-4-4	
	1	4	647.1713	SPACER		△
	1	3	647.1712	GUSSET		△
	1	2	647.1711	PLATE		△
	1	1	647.1710	PLATE		△
	X		647.1701	SKID DEFLECTOR ASSY*		△
	.1701	FIND #	PART #	DESCRIPTION	MATL	SPEC.
QTY	PARTS LIST					
NEXT ASSY (S)	APICAL INDUSTRIES					
647.1300	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300					
	SKID DEFLECTOR ASSY					
	ORIGINAL DATE: 05/04/00 (B) CROSBY DRAWN BY: J. CROSBY 1. CROSBY 2. CROSBY DRAWING APPROVAL: B. PAVO DATE: 05/04/00 CONTACT: 710					
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACES DECIMALS 1/16" 3 PLACES DECIMALS 1/32" ALL .005					
	WEI	CAGE CODE	QTY: 10			REV: A
	B	D7M26	647.1700			
	SCALE: NONE			SHEET	1 OF 5	

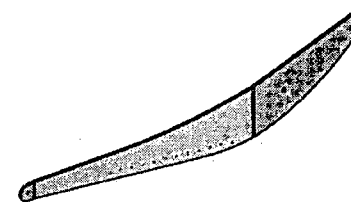
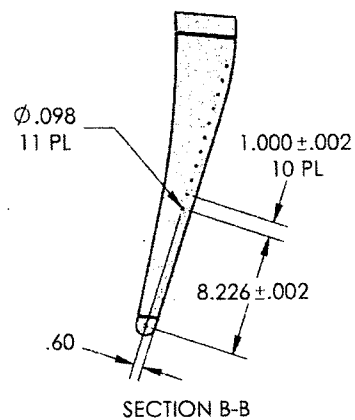
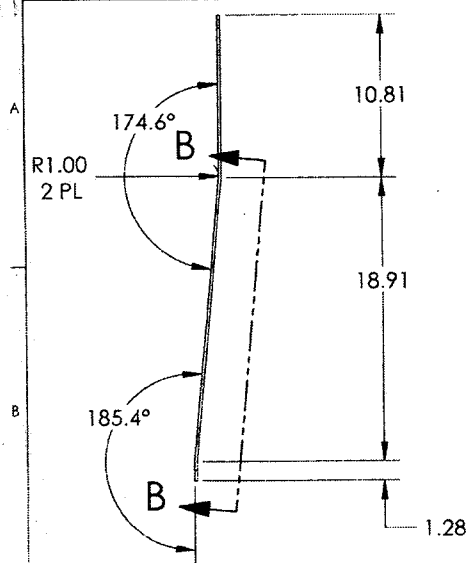
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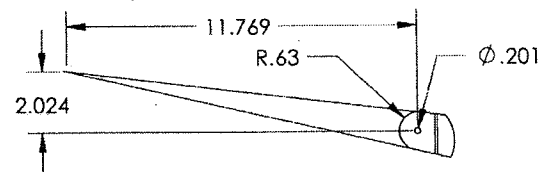
SECTION A-A

APICAL INDUSTRIES	
2608 TEMPLE HEIGHTS DR.	
OCEANSIDE, CA. 92056-3512 (760)724-5300	
SKID DEFLECTOR ASSY	
DATE: 04/03/01	REV: A
DRAWN BY: J. GARDNER	QTY: 1
CHECKED BY: P. BRAVO	QTY: 1
DRAWING APPROVAL: P. BRAVO	QTY: 1
CONTRACT NO.	QTY: 1
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ±.01 ANGLES ±.2°	QTY: 1
SHEET 2 OF 5	QTY: 1

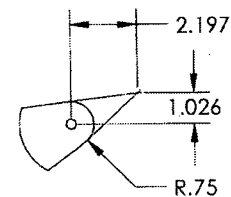
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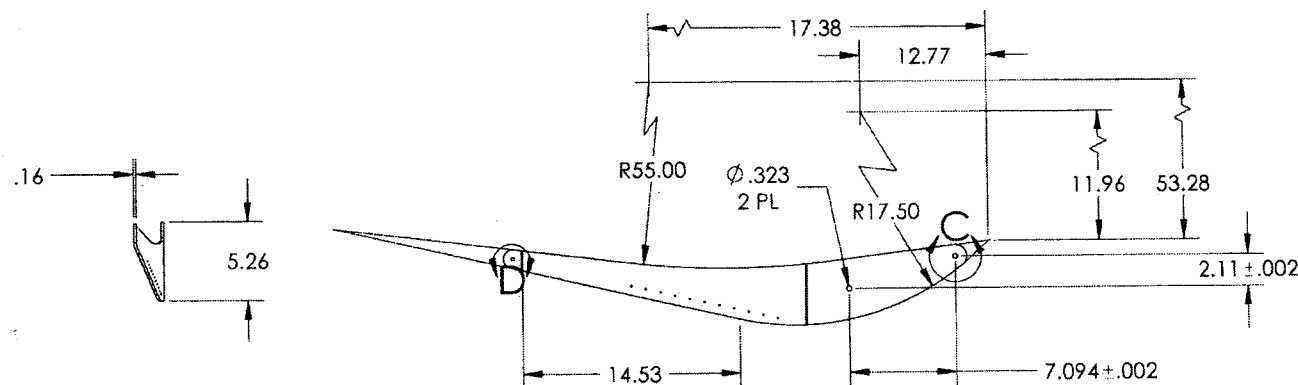
647.1711 SHOWN
647.1710 OPPOSITE



DETAIL D

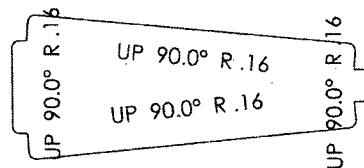
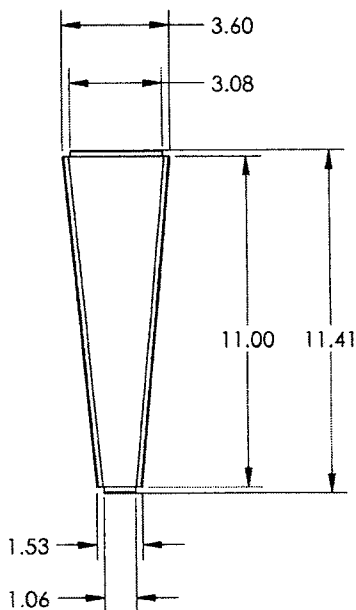


DETAIL C

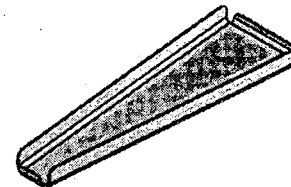


ORIGINAL DATE (INDICATE) 08/01/04		APICAL INDUSTRIES	
DRAWN BY: J. GARDNER		2608 TEMPLE HEIGHTS DR.	
CHECKED BY: P. RAYO		OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. RAYO		SKID DEFLECTOR ASSY	
CONTRACT NO.		647.1700	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .001$ ANGLES $\pm .5^\circ$		SHEET 3 OF 5	REV A
SCALE: NONE		DWG. NO. 647.1700	

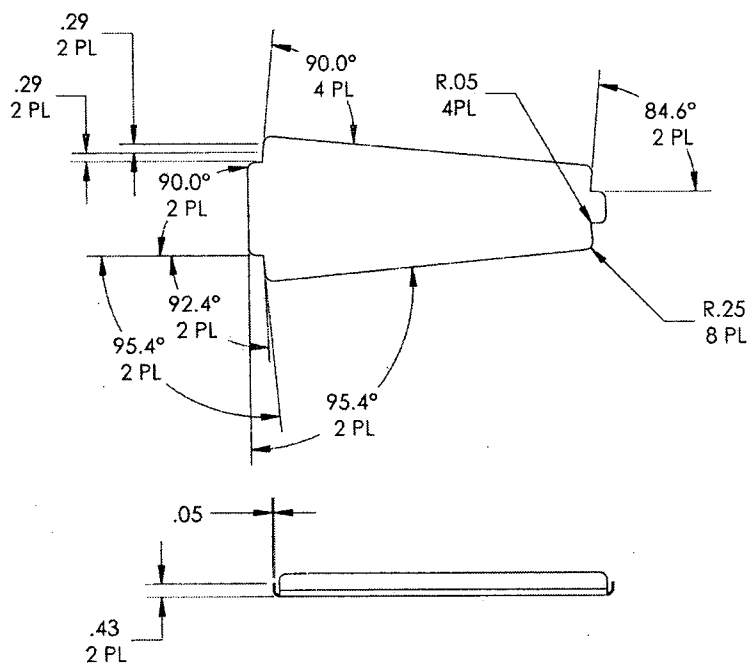
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FLAT PATTERN

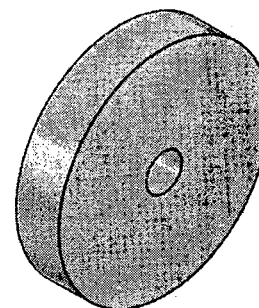
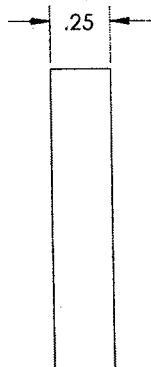


647.1712

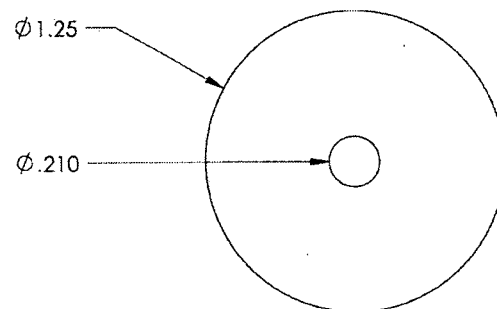


ORIGINAL DATE: 06-20-00		APICAL INDUSTRIES	
DRAWN BY: J. GARDNER		2608 TEMPLE HEIGHTS DR.	
CHECKED BY: P. BRAY		OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWING APPROVAL: P. BRAY		SKID DEFLECTOR ASSY	
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: 1 PLACE DECIMALS ±.01, 2 PLACE DECIMALS ±.005, ANGLES ±.5°		SHEET: 8	REV: A
		DWG. NO.: 647.1700	
		SCALE: NONE	SHEET: 4 OF 5

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647.1713



ORIGINAL DATE 10-01-81		APICAL INDUSTRIES	
DRAWN BY J. GARDNER		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
CHECKED BY P. BRAVO		SKID DEFLECTOR ASSY	
DRAWING APPROVAL P. BRAVO		CONTRACT NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ± .01 2 PLACE DECIMALS ± .005 ANGLES ± .3°		SIZE B	REV. A
SCALE NONE		DWG. NO. 647.1700	SHEET 5 OF 5